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ABSTRACT

This book of more than 160 environmental science activities is designed to help students understand environmental issues, ask questions, and find solutions to the problems. Introductory sections address: (1) the nature of major global problems and a history of environmental concern; (2) basic environmental science terminology and scientific study of the environment; and (3) how to choose a topic, research the topic, and apply the scientific method. Each of the remaining 10 chapters introduces one environmental science topic and contains suggestions divided into three groups: (1) suggestions for ways to live that protect the environment; (2) step-by-step activities with suggestions on how to convert the activity into a science project; and (3) one science fair project included at the end of each chapter. The topics covered include plastic pollution, pesticides and fertilizers, soil erosion, litter, polluted beaches and coastlines, the open sea, threats to marine life, hazardous wastes, energy conservation (acid rain and global warming), and water conservation. Appendices provide a list of 85 organizations to contact, a list of 12 scientific supply houses, and metric conversions. Contains 17 references, a glossary, and an index. (LZ)

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